

Amendments to the Specification:

Please amend the title as follows:

UNIVERSAL MEMORY DEVICE HAVING A PROFILE PROFIL-STORAGE
UNIT

Please replace the abstract with the following amended abstract:

A universal memory device is presented that provides adaptability to existing hardware and software environments. The memory can "mimic" existing memory technology combining the advantages of integrating all memory capacity in to into one single technology and still providing the implicit protections and access characteristics known from the different existing memory technologies. The memory device comprises a memory having a plurality of low-latency, rewritable, non-volatile memory cells forming at least one memory section, a profile storage unit connected with said the memory and comprising access information allocated to at least one a set of request information elements (r: quest request profile), such that said the access information indicates whether a request for acesessan access request to said memory-(aeeoss request), said the access request having said the request profile, is to be allowed or rejected, and an access control unit communicating with said the profile storage unit and said the memory, and adapted to allow or reject an incoming access request in dependence on the access information allocated to the request profile of the access request.